

Name: **Gujjula Ramya**

Designation: Assistant Professor

Department: Electronics and Communication Engineering

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Experience (in years): 7 yr

Research: NIL

Teaching: 6 year 8 Months

others (if any, specify):

1. Educational / Technical qualifications:

S.No	Level (UG / PG / PhD)	Year of passing	Specialization
1	Ph.D.	Registered in 2021	Wireless Communications
2	M.Tech.	2015	Wireless Mobile Communication
3	B.Tech.	2012	Electronics and Communication Engineering
4	Diploma	2009	Electronics and Communication Engineering
5	10 th	2006	

2. Teaching and Learning:

2.1. Teaching Interests: Analog Communications, Digital Communications, Cellular Mobile Communications, Switching Theory and Logic Design, Embedded Real Time Operating System and Computer Organization.

2.2. Novel Teaching & Learning Techniques adopted: POGIL, WIT& WIL, and Project Based Learning, LBD, Group Discussion.

2.3. Involvement in curriculum updating / Design: Actively involving in the designing of course structure of B-Tech.

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading books, Craft Works, Gardening and Trekking Mountains.

3.2. CCA/ECA Organized:

Accompanied Different clubs students to participate in the EVENT SAARANG conducted by IIT-Madras during 9-13 January 2019.

Actively involved in smooth conduction of Institute Fests.

3.3. CCA/ECA participated:

Life member of Indian Society for Technical Education (ISTE)

3.4. Counselling and Mentoring Activity: Mentoring students and monitoring their progress in attendance as well as overall performance.

3.5. Committees involved in:

Department level: Project Review Committee
Department Time Table In charge
Department Exam Branch SPOC

Institute Level:

Member of Discipline committee.
Member of Audit Cell activities.

4. Conference / Workshop / Seminar / Guest Lectures:

4.1. Conducted: 05

4.2. Attended: 20

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Nil

5.2. Articles/Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: 10

b) PG: 02

5.5. Research Interests: Wireless Mobile Communications, Internet of Things (IoT).

5.6. PhD students:

a) Enrolled: NIL

b) Submitted: NIL

c) Awarded: NIL

5.7. Papers published in reviewed journals: 5

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor / Citation Index	National/International
1.	IoT Evaluating Indoor Environmental Quality Check of Air and Noise	Materials Today: Proceedings, Elsevier publications.	ISSN NO:2214-7813, April 2021.		International
2.	Voice Acknowledgement based Remote Home Computerisation Framework	International Journal Of Research Volume -VIII Issue-III March 2019	ISSN NO:2236-6124	5.7	International
3.	Improved Cooperative Communication In Multi-Hop Wireless Networks With Network Coding	NeuroQuantology Volume 20 Issue 15 , Page 1193-1200, DOI: 10.14704/NQ.2022.20.15.NQ88105	eISSN :1303-5150		International

4.	Accessing the Virtual Keyboard Using Cortical Recordings for Paralytic Patients Using Wireless EEG Device	NeuroQuantology August 2022 Volume 20 Issue 8 Page 2779-2784 DOI: 10.14704/nq.2022.20.8.NQ44309	eISSN :1303-5150		International
5.	Channel Estimation In MIMO OFDM Communication Systems	IOSR Journal of Electronics and Communication Engineering	ISSN NO:2278-2834 May 2023		International

5.8. Papers presented at National / International Conferences: 3

S.No	Title of the Paper	Names of the Conference/ Seminar	National/ International	Period
1.	Greenhouse Environment Monitoring and Automation Using Intel Galileo gen2 and IoT	International Conference on Wireless Sensor Networks, Ubiquitous Computing and Applications	International	24 th - 25 th August,2018
2.	Performance Analysis of Dual-Hop Relaying Systems	International Conference on Emerging Trends in Engineering & Technology	International	29 th - 30 th September,2014
3.	Capacity Limits And Estimation Of Massive MIMO Systems	International Conference on Emerging Trends in Electronics and telecommunications	International	29 th - 31 st May, 2015

5.9. Sponsored research Projects: Nil

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: Nil

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received: Awarded a Cash Prize for “BEST LOGO DESIGN” Competition conducted by VNR VJIET in regard with the Silver Jubilee Celebrations during Feb 2020.

7. Motto: “Always do what you are afraid to do.”